

Cora x

PAGE: 1

44

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/458,779

DATE: 12/30/1999

TIME: 12:44:08

Input Set: I458779.RAW

This Raw Listing contains the General Information ERED Section and up to first 5 pages.

```
<110> APPLICANT: Latterich, Martin
     <120> TITLE OF INVENTION: VFF-2 gene and method for enhancing
 2
 3
           protein secretion in yeast
     <130> FILE REFERENCE: 1211.001US1
 4
 5
     <140> CURRENT APPLICATION NUMBER: US/09/458,779
 6
     <141> CURRENT FILING DATE: 1999-12-10
 7
     <160> NUMBER OF SEQ ID NOS: 2
 8
     <170> SOFTWARE: FastSEQ for Windows Version 4.0
 9
     <210> SEQ ID NO 1
10
     <211> LENGTH: 852
     <212> TYPE: DNA
11
12
     <213> ORGANISM: Saccharomyces cerevisiae
     <400> SEQUENCE: 1
13
14
           atggttcaag ctatcaaatt aaatgattta aaaaatagga agagaaaaaa tgtggaggaa
                                                                                    60
15
           gaaaatggca gtgacgagtc tgaaattgac attagtagca ccgattcaga aaatgaagaa
                                                                                   120
16
           gagcaaaatg gagaagaaga gatcgtaaat attgacttcg attttttcgg tggtaaccca
                                                                                   180
17
           gaagttgatt ttcatgcttt aaagaattta ctgcgtcagt tatttggtcc tcaagaaagt
                                                                                   240
           accaggattc aactaagcag cttggcagat ttgatcctag gttccccaac caccacaatt
18
                                                                                   300
           aaaacagacg gcaaagaatc tgatccatac tgttttcttt cattcgttga tttcaaagct
19
                                                                                   360
20
           aatcatctaa gtgattatgt caaatattta caaaaagtgg acatgagact ttccactttc
                                                                                   420
21
           ttcaaaacta tgattgatag tggtaataaa aattgtgctt tggttctcag tgaaaggctg
                                                                                   480
22
           attaatatgc caccggaagt cgttccacct ttatacaaga ttacgttgga ggatgttgcc
                                                                                   540
23
           acggcacttg gcgatgacaa acattatgac ttctatatca tcgtcaccag gaagtatgaa
                                                                                   600
24
           gtaaattttg acactgacga tgataccgac tctqqtaaqa qqaataaaaa caaagacgaa
                                                                                   660
25
           agatccaaaa aaagggtgaa ggccgatgaa gtagactact ttcatgagga ggaccgattt
                                                                                   720
           tttgaaaaat atgccaagat tcacttcgaa tcagaagcta aaaagggtgt tatcagctca
26
                                                                                   780
27
           tacatgattc ttgatcacga aggccttgtc aaaagtatcg atgaattgga aacagaaatt
                                                                                   840
28
                                                                                   852
           tccacttggt aa
29
     <210> SEQ ID NO 2
30
     <211> LENGTH: 283
31
     <212> TYPE: PRT
32
     <213> ORGANISM: Saccharomyces cerevisiae
33
     <400> SEQUENCE: 2
34
           Met Val Gln Ala Ile Lys Leu Asn Asp Leu Lys Asn Arg Lys Arg Lys
35
36
           Asn Val Glu Glu Asn Gly Ser Asp Glu Ser Glu Ile Asp Ile Ser
37
38
           Ser Thr Asp Ser Glu Asn Glu Glu Glu Gln Asn Gly Glu Glu Ile
39
                                       40
40
           Val Asn Ile Asp Phe Asp Phe Phe Gly Gly Asn Pro Glu Val Asp Phe
41
           His Ala Leu Lys Asn Leu Leu Arg Gln Leu Phe Gly Pro Gln Glu Ser
42
43
                               70
```

Thr Arg Ile Gln Leu Ser Ser Leu Ala Asp Leu Ile Leu Gly Ser Pro

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/458,779 DATE: 12/30/1999 TIME: 12:44:08 PAGE:

Input Set: I458779.RAW

45					85					90					95	
46	Thr	Thr	Thr	Ile	Lys	Thr	Asp	Gly	Lys	Glu	Ser	Asp	${\tt Pro}$	Tyr	Cys	Phe
47				100					105					110		
48	Leu	Ser	Phe	Val	Asp	Phe	Lys	Ala	Asn	His	Leu	Ser	Asp	Tyr	Val	Lys
49			115					120					125			
50	Tyr	Leu	${\tt Gln}$	Lys	Val	Asp	Met	Arg	Leu	Ser	Thr	Phe	Phe	Lys	Thr	Met
51		130					135					140				
52	Ile	Asp	Ser	Gly	Asn	Lys	Asn	Cys	Ala	Leu	Val	Leu	Ser	Glu	Arg	Leu
53	145					150					155					160
54	Ile	Asn	Met	Pro	Pro	Glu	Val	Val	Pro	Pro	Leu	Tyr	Lys	Ile	Thr	Leu
55					165					170					175	
56	Glu	Asp	Val	Ala	Thr	Ala	Leu	Gly	Asp	Asp	Lys	His	Tyr	Asp	Phe	Tyr
57				180					185					190		
58	Ile	Ile	Val	Thr	Arg	Lys	Tyr	Glu	Val	Asn	Phe	Asp	Thr	Asp	Asp	Asp
59			195					200					205			
60	Thr	Asp	Ser	Gly	Lys	Arg	Asn	Lys	Asn	Lys	Asp	Glu	Arg	Ser	Lys	Lys
61		210					215					220				
62	Arg	Val	Lys	Ala	Asp	Glu	Val	Asp	Tyr	Phe	His	Glu	Glu	Asp	Arg	Phe
63	225					230					235					240
64	Phe	Glu	Lys	Tyr	Ala	Lys	Ile	His	Phe	Glu	Ser	Glu	Ala	Lys	Lys	Gly
65					245					250					255	
66	Val	Ile	Ser	Ser	Tyr	Met	Ile	Leu	Asp	His	Glu	Gly	Leu	Val	Lys	Ser
67				260					265					270		
68	Ile	Asp	Glu	Leu	Glu	Thr	Glu	Ile	Ser	Thr	Trp					
69			275					280								

PAGE:

VERIFICATION SUMMARY

PATENT APPLICATION US/09/458,779

DATE: 12/30/1999

TIME: 12:44:08

Input Set: I458779.RAW

Line ? Error/Warning

Original Text